

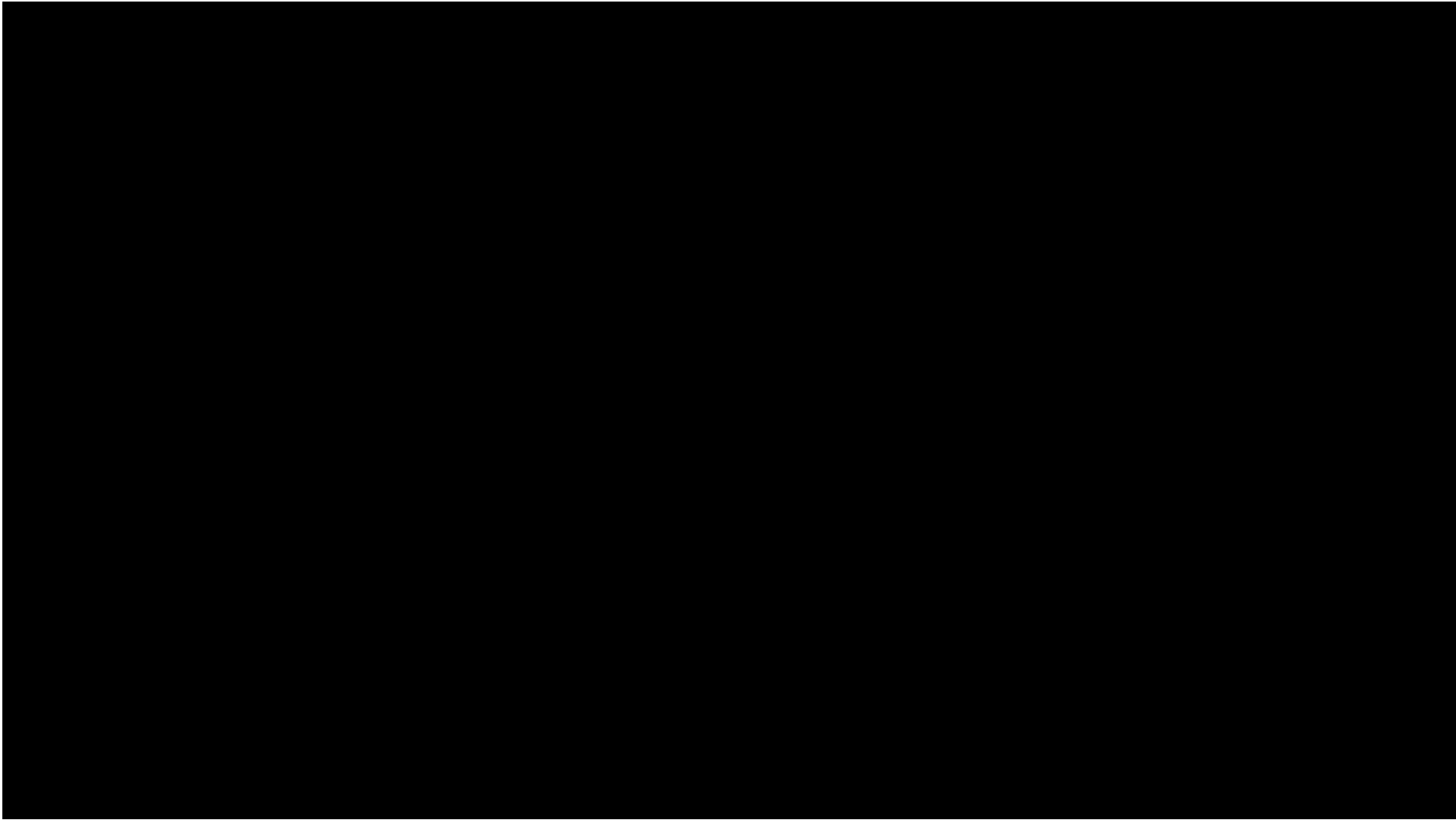


San Bernardino County Fire
Office of Emergency Services

San Bernardino County 2015/2016 Winter Storm & El Niño Preparedness

Michael Antonucci
Emergency Services Manager
April 1, 2016





Thanks to our Partners in Emergency Planning

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■ Key County Agencies including:

- Office of Emergency Services
- County Fire
- Department of Public Works
- Flood Control District
- Sheriff's Department
- Real Estate Services/Facilities Management
- Special Districts

■ Non-County Agencies including:

- National Weather Service
- California Department of Water Resources
- Cal OES
- CalTrans
- American Red Cross
- ConFIRE
- Cities
- Military Bases



- Emergency preparedness and response coordination for the Operating Area
 - Annual ShakeOut Event
 - Exercises
 - Training
 - Web EOC
- Conduit to CalOES and FEMA
- Facilitate preparation and review of Emergency Operation Plans for County departments



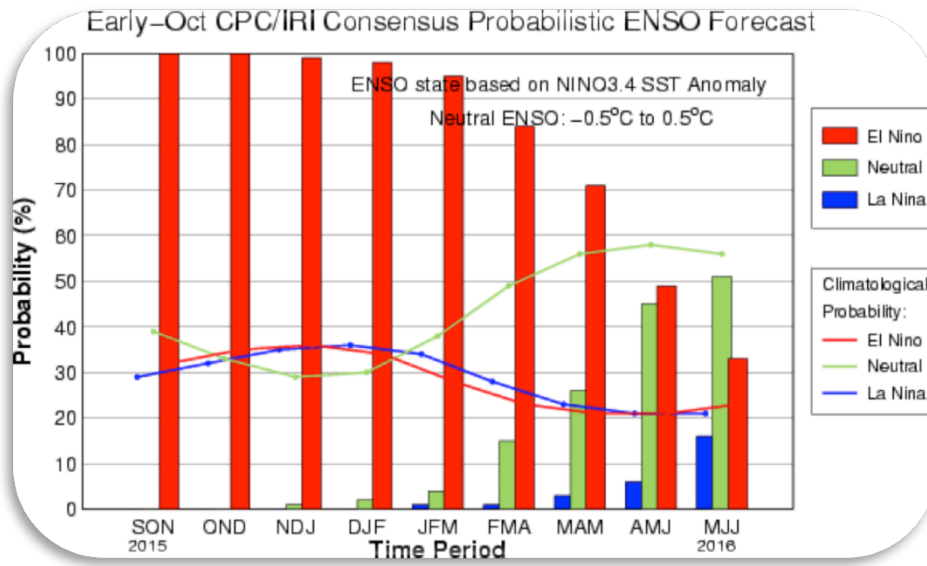
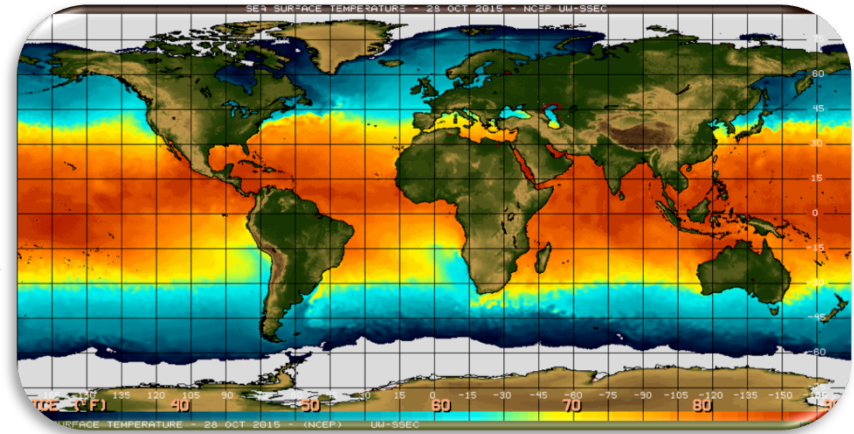
OES

*Continually going through
the disaster cycle*



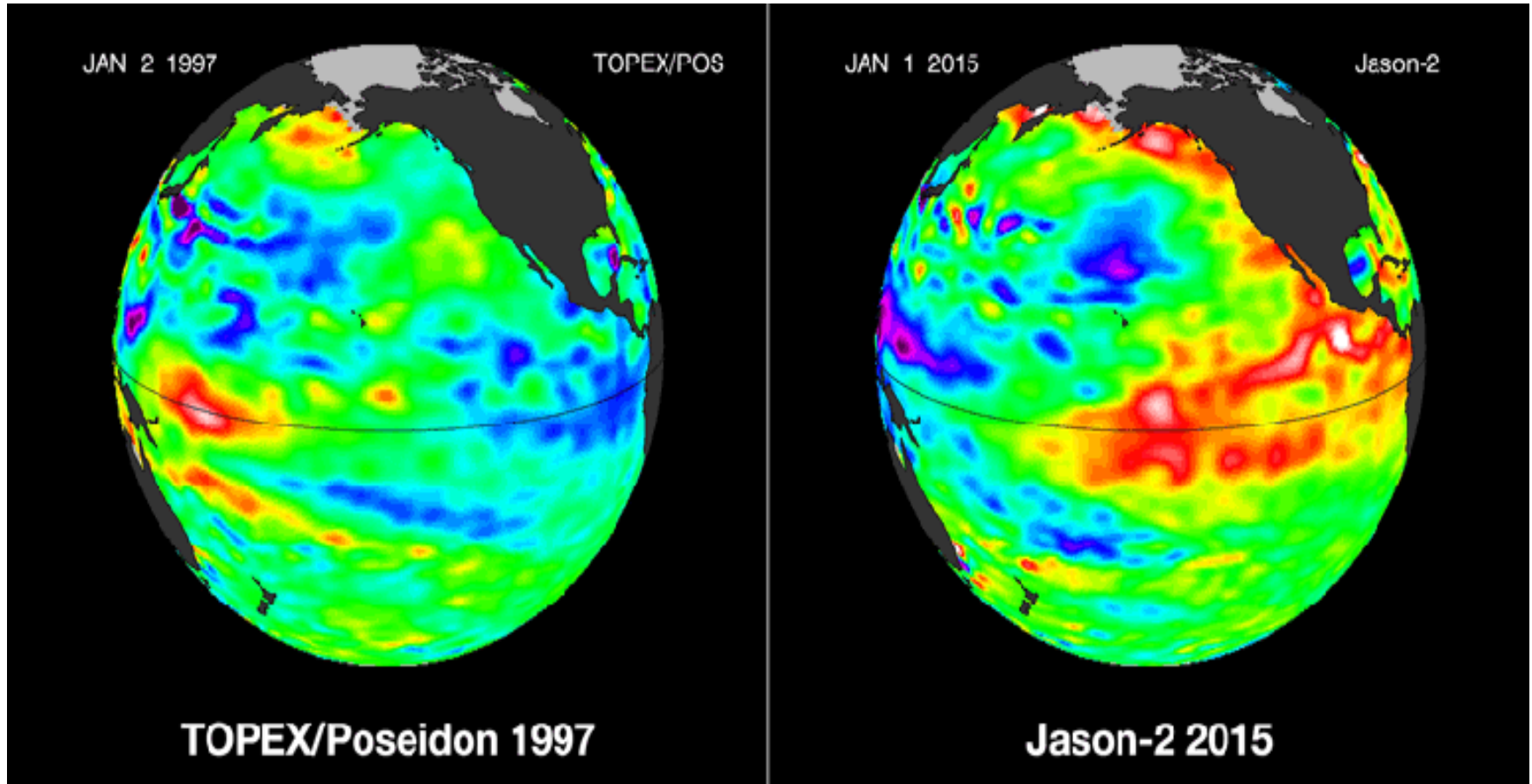
2015/2016 Winter Storm Season

- Per NWS – El Nino is here/
Atmosphere reacts Dec-Apr
- Predicted to bring above avg. rain
and frequency of storms (20-25)



2015/2016 Winter Storm Season

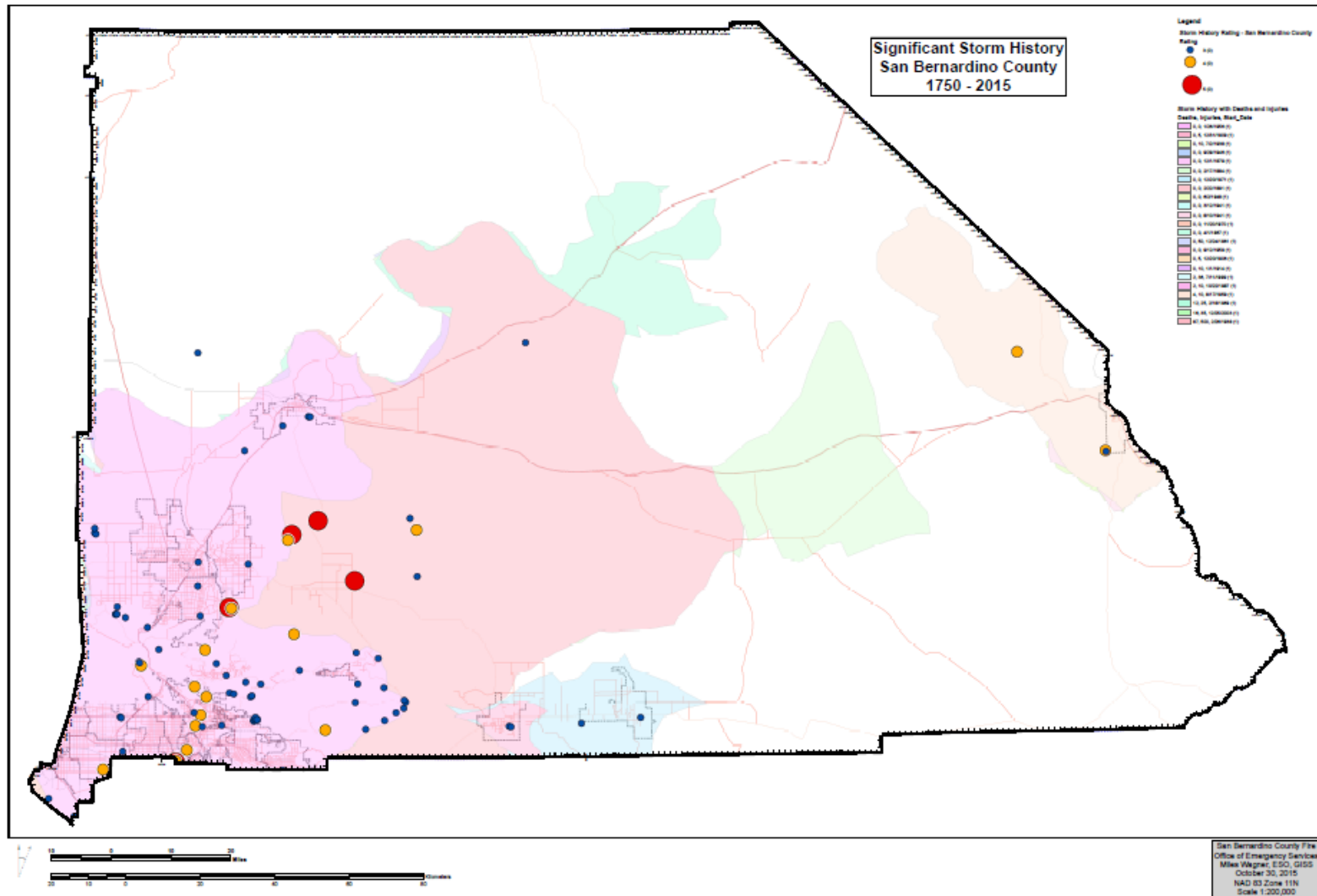
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San Bernardino County Fire
Office of Emergency Services

www.SBCounty.gov

Winter Storm Impact Areas



- Clearing Flood Control Channels
 - Preparing for 100 year storm event
 - Culvert crossings under the maintained roadway system
 - Resource Agencies facilitating expedited permitting for clearance of 37 critical basin/channel facilities
- Regional stockpiles of roadway material, sandbags, K-rails





- Public Education/Outreach/Cities/County
- Additional weather stations
- Updating real time rain gauge alert system (91 gauges)
- Contracts for additional equipment and operators to augment flood fighting and snow removal efforts
- Advance teams are trapping/removing endangered species
- Advance teams are advising any homeless encampments to relocate

- Flood Area Safety Task Force (FAST)
- Public Outreach and Education
 - Social Media
 - Winter Weather Workshops
 - Informational Materials
 - Flood safety and preparation door hangers in flood prone areas
 - Ready! Set! Go! Flood preparation pamphlets



- Evacuation Plans/drills
- Sandbags
 - Increased inventory to 200,000
- SHOC Drill
- Inmate hand crews trained sandbagging, flood fight techniques, and debris removal



2016 El Niño Preparedness Rancho Cucamonga



■ ReadyRC Campaign

- Mitigation
- Preparedness
- Response
- Recovery



■ Reaches

- Residents
- Employees
- Businesses

- In conjunction with San Bernardino County Fire Department, Office of Emergency Services, a public meeting was held at the Victoria Gardens Cultural Center to inform the public on how to get prepared before El Niño arrives.



Public Awareness El Niño Webpage

https://www.cityofrc.us/cityhall/fire_district/prepare/el_niño_preparedness.asp

ABOUT THE CITY CITY SERVICES CITY HALL I WANT TO... CITY WEBSITES CONTACT US

Emergency Preparedness Home

ReadyRC

El Niño Preparedness

Disaster Training

National Preparedness Month

Great Shakeout

Natural Gas and Pipeline Resources

EL NIÑO PREPAREDNESS

Homepage » ... » Fire District » Emergency Preparedness » El Niño Preparedness

El Niño Public Meeting

On November 12, 2015 the Rancho Cucamonga Fire Protection District, in conjunction with the San Bernardino County Fire Department, Office of Emergency Services hosted a public meeting on the anticipated El Niño weather at the Victoria Gardens Cultural Center. Those in attendance heard from the National Weather Service, CalTrans, City/County officials and others on how to get prepared BEFORE El Niño arrives. The City's Healthy Living RC television crew was also present and the information will be included in an upcoming episode of the show (which can be viewed on RCTV-3 or here on our website).

Sandbag Materials

The Fire District offers free sandbag materials to all Rancho Cucamonga residents, local businesses and school campuses through sandbag filling stations at select fire stations. There is a limit of 25 sandbags per resident and they cannot be used for commercial purposes.

Sandbag materials are available at the following fire stations:

- Amethyst Fire Station: 6627 Amethyst Street
- Banyan Fire Station: 11108 Banyan Street
- East Ave. Fire Station: 5840 East Avenue
- Hellman Fire Station: 9270 Rancho Street

If you are unable to fill the sandbags yourself, please contact Fire District Headquarters at (909) 477-2770 for

- Sandbag materials made available to the public. Up to 25 sandbags per resident, business or school site residing in Rancho Cucamonga.
- Fire Stations with Sandbag Materials
 - Amethyst Station #171
 - Banyan Station #175
 - East Avenue Station #176
 - Hellman Station #177



- CERT Members were trained on effective flood fighting methods
 - December 19, 2015
 - March 12, 2016



Access and Functional Needs Sandbag Delivery Program

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- January 2016
 - Sandbags were delivered to 11 residences.
 - 6 residents had sandbags placed by CERT volunteers or fire crews



- 4 hour community service day
- 38 volunteers
- Goal: Create a stockpile of sandbags to be used in the sandbag program for the AFN community
- Achieved: 2,000 sandbags filled





***Cal* OES**

GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

★ **El Niño Debrief**

Mona Bontty
Southern Region Administrator
April 1, 2016

Cal OES' Priority

Protect



Lives



Property



Environment



**Mutual
Aid**

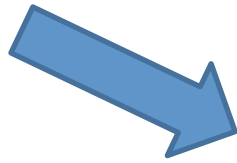
**Tasking
State
Agencies**

**Emergency
Management
Assistance
Compact**

**Federal
Assets**

Cal OES El Nino Planning

\$3.16 Billion
Invested in
Flood
Management
(2007-2014)



Flood
Management /
Flood
Planning

El Niño Task
Force

Cal OES/CA
Department of
Water
Resources
Coordination

State Post-
Watershed
Emergency
Response
Teams



Southern Region Emergency Operations Center Support

- Activate Southern REOC
- Deployment of Cal OES emergency management personnel
- Coordinate resource requests
- Facilitate/conduct conference calls to ensure coordination and situational awareness



- State Agencies with flood response capabilities fill a function in the REOC



State/Federal Flood Operations Center

- DWR maintains FOC in coordination with NOAA
- Track incidents with potential flood impacts
- Coordinates local jurisdiction requests for State Technical and Direct Assistance
- Cal OES in FOC coordinates flood response activities



State Response Capabilities



- State-Federal Flood Operations Center
- Cal OES Swiftwater/Flood Search & Rescue Teams
- Pre-staged equipment, sandbags and radios
- Coordination across supporting agencies



Resources

- www.Storms.ca.gov
- www.Ready.gov
- www.nws.noaa.gov
- www.Floodprepareca.com
- www.Floodsmart.gov
- www.myhazards.caloes.ca.gov



Questions?



Mona Bontty

Mona.bontty@caloes.ca.gov

www.caloes.ca.gov

Twitter- @CalOES_SoRegion

(562) 795-2900

- Swift Water Rescue
 - Additional training by Sheriff and County Fire
- Evacuation Plans
- Web EOC
- Pre-Disaster (Ashbritt)
- Emergency equipment available for road clearance (access/egress)



- Building Inspections
- Water/Wastewater systems
- Debris removal
- Road repairs



2015/2016 Winter Storm Season: County Facilities

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- Weatherization
 - Roof and gutter inspection
 - Exterior sealing/siding replacement
 - Retention basin restoration and improvements to erosion control measures
 - Storm water pump replacements
- Maintenance and repair projects



WebEOC 7.8

intermedix™

[Dena Smith](#) as [SBCOA - DEPT - CAO - DEC](#)

Log Off

[2015 El Nino Planning](#)

Boards

Event Reporting - Position Log	+	⌵
Event Reporting - SBCOA Significant Events	+	⌵
OA Situation Dashboard	+	⌵
Request - Information / Action	+	⌵
Request - Resources	+	⌵
Battle Rhythm	+	⌵
EOC Action Plan (Published)	+	⌵
OA Daily Dashboard	+	⌵
Road Closure	+	⌵
Shelter Board	+	⌵
Who's Logged In?	+	⌵

Menus

ICS/FEMA Forms »	⌵
Tools and Plugins »	⌵

Plugins

File Library	⌵
Messages Manager	⌵

The screenshot shows the San Bernardino County website's 'El Niño Resources' page. The browser address bar displays 'www.sbcounty.gov/main/elnino.asp'. The page features a navigation bar with links like 'Home', 'Services A-Z', 'Living', 'Jobs', 'Contacts', 'E-Subscriptions', and 'Translate: Select Language'. A large banner image shows a family in front of the County of San Bernardino Hall of Records. Below the banner is a 'Preparation for El Niño' section with the title 'El Niño Resources'. The text states: 'El Niño storms are expected to be powerful this fall and winter. San Bernardino County residents must be prepared as storms can cause a variety of safety issues. The following are a list of resources to prepare for the storms:'. A list of resources is provided, including links to sandbags, debris control, flood preparation, disaster plans, road reports, landslide safety, road closures, flood videos, rainfall data, weather services, NOAA, JPL animations, power outage tips, Edison Outage Center, highway patrol information, and public meetings. To the right of the text are four images showing flood damage: a flooded road, a flooded residential area, a flooded street with cars, and a flooded field. On the far right is a sidebar with a 'Quickly Find...' search box, a 'Report Road and Flood Problems' button, 'Drought Resources', 'Prepare for El Niño', 'Disaster Preparedness', 'Sign-up for Emergency Notification Alerts', 'Press Releases County News', 'County Calendar', and 'Cleanup at the North Etiwanda Preserve'.

www.sbcounty.gov/main/elnino.asp

Apps Google Image ... Suggested Sites Suggested Sites... Imported From IE Countyline

Home Services A-Z Living Jobs Contacts E-Subscriptions Translate: Select Language

SAN BERNARDINO COUNTY

County of San Bernardino Hall of Records

Board of Supervisors County Direct Open Government Visiting Working Contacts

Preparation for El Niño

El Niño Resources

El Niño storms are expected to be powerful this fall and winter. San Bernardino County residents must be prepared as storms can cause a variety of safety issues.

The following are a list of resources to prepare for the storms:

- Where to Get Sandbags
- Debris and Erosion Control
- Preparing for a Flood
- What to do in Case of a Flood
- Family Disaster Plan Guide
- Report Road or Flood Problems
- Landslide Safety Tips – American Red Cross
- County Road Closures
- Turn Around Don't Drown - Video
- Rainfall Data
- National Weather Service – San Bernardino County Region
- National Oceanic and Atmospheric Administration (NOAA) – El Niño Portal
- JPL Animation of the El Niño Storms
- JPL El Niño Storm Information
- Safety Tips During a Power Outage
- Southern California Edison – Outage Center
- California Highway Patrol - Traffic Incident Information
- Public Meetings**
 - Yucca Valley – November 9
 - Rancho Cucamonga – November 12

In an emergency, please call 9-1-1.

Quickly Find...

Online Services...
Departments and Programs...
Quick Hits...
Search the County Portal Go>

Report Road and Flood Problems

Drought Resources

Prepare for El Niño

Disaster Preparedness

Sign-up for Emergency Notification Alerts

Press Releases
County News

Board honors award-winning County departments (10/6/2015)...
Skilled, experienced executive tapped to lead County Museum (9/21/2015)...
County wins three prestigious awards from state organization (9/9/2015)...
Media Release Archives

RDD - County News Feed

County Calendar
Upcoming Events

Cleanup at the North Etiwanda Preserve
October 31, 2015
The San Bernardino County Department of Special Districts host a cleanup from 8 to 11 a.m. at the North Etiwanda Preserve located at the northern terminus, Etiwanda Avenue in Rancho Cucamonga. Volunteers should come dressed and prepared for outdoor work. Volunteers will be removing trash and invasive plants along with other tasks. Send an email to Erin.Opliger@sbccounty.gov for more information.

Halloween Events in the City of Fontana
October 31, 2015
The City of Fontana will host halloween events from 4 to 7 p.m. the following locations:
Cypress Community Center, 81 Cypress Avenue
San Juan Archdiocese Center

- Questions?

